

Fig.1

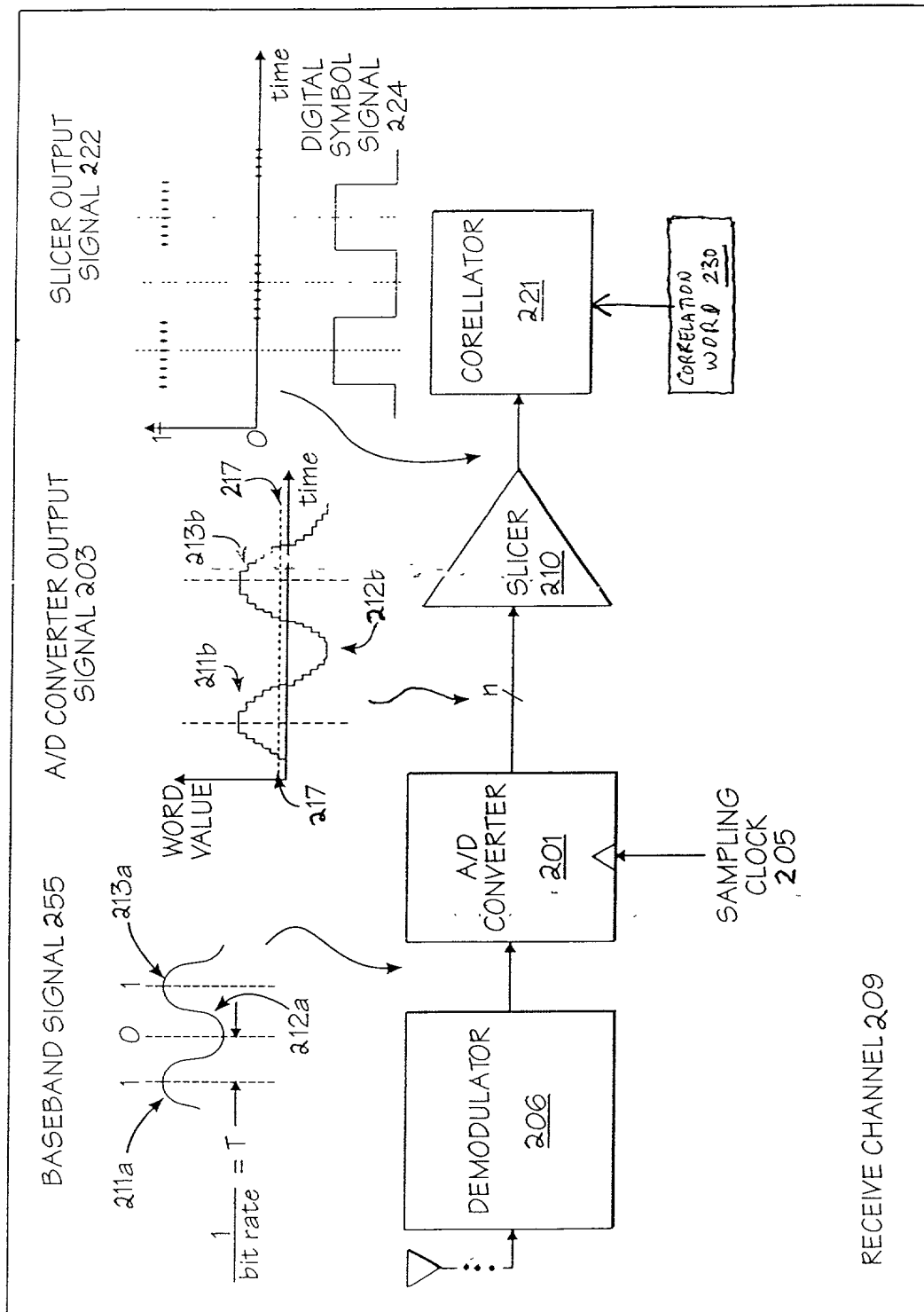


Fig. 2

SYNCHRONIZATION  
WORD UNIQUE  
TO PICONET  
OF RECEIVING —  
DEVICE CONNECTION  
302a

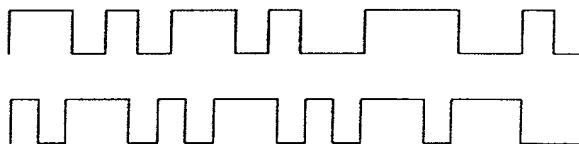


Fig. 3A

CORRELATOR  
OUTPUT  
303a

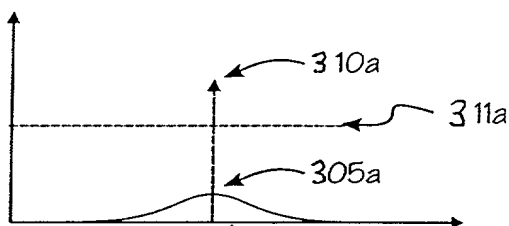


Fig. 3B

RECEIVED  
SYNCHRONIZATION  
WORD  
304 →

SYNCHRONIZATION  
WORD UNIQUE  
TO PICONET  
OF RECEIVING  
DEVICE CONNECTION  
302B

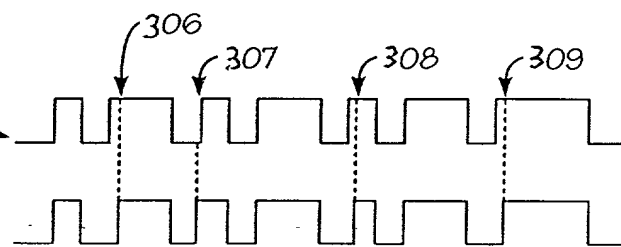


Fig. 3C

CORRELATOR  
OUTPUT  
3036

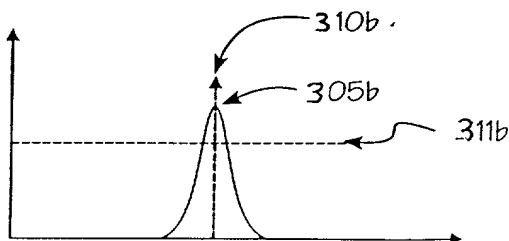


Fig. 3D

422a



FIG. 4A

422b



FIG. 4B

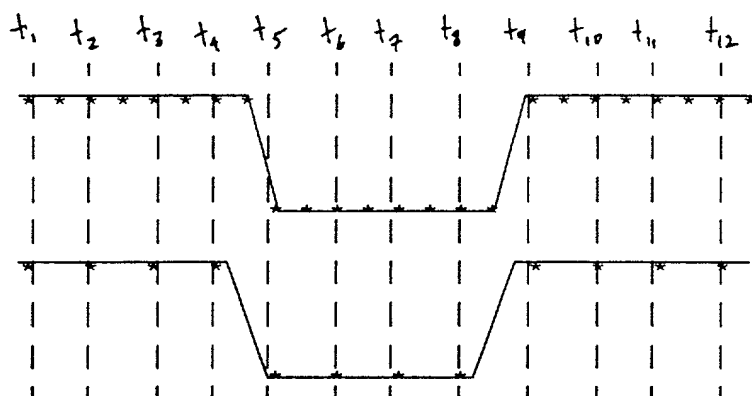
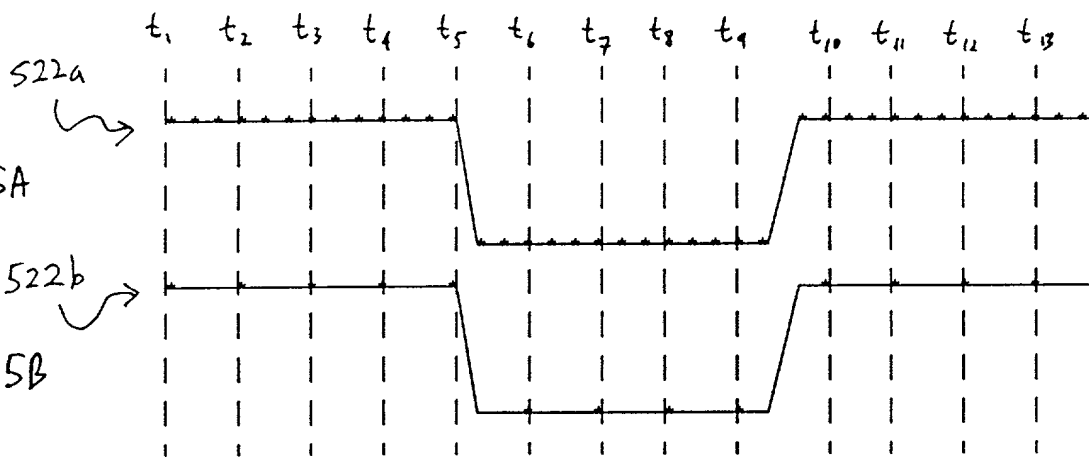
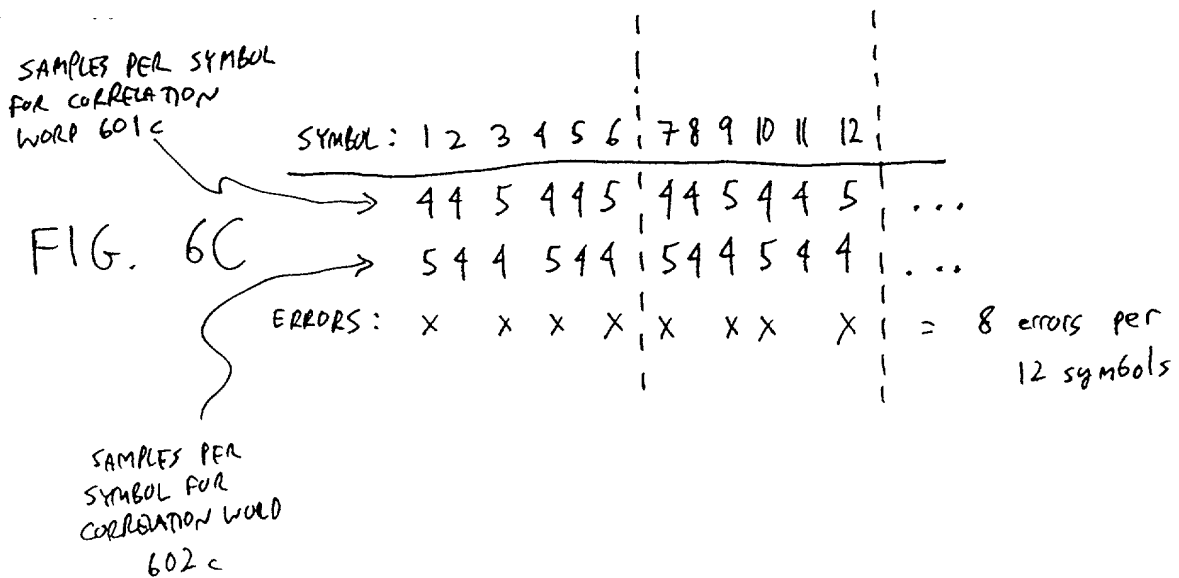
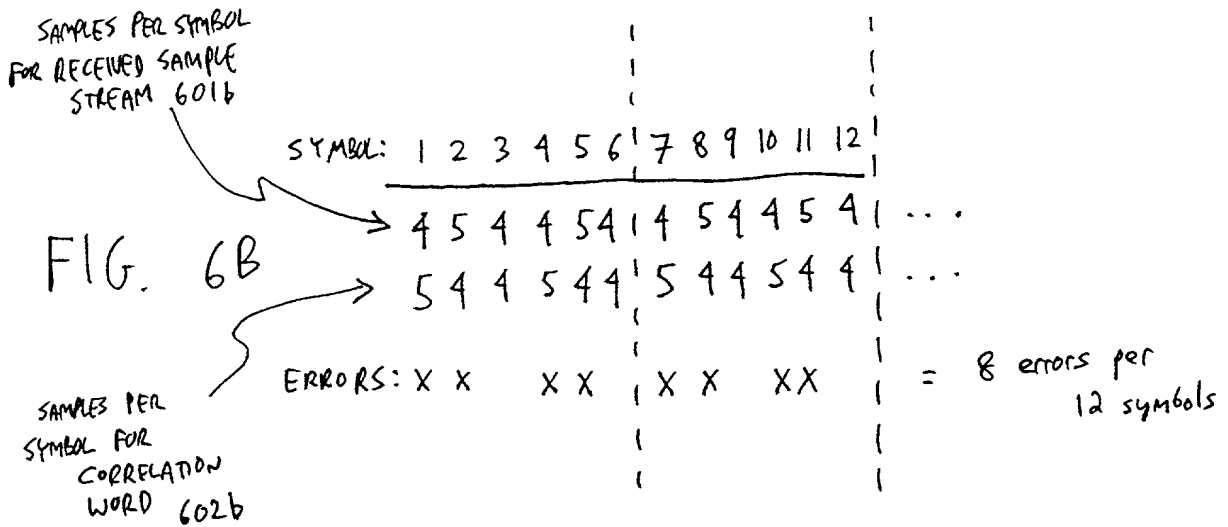
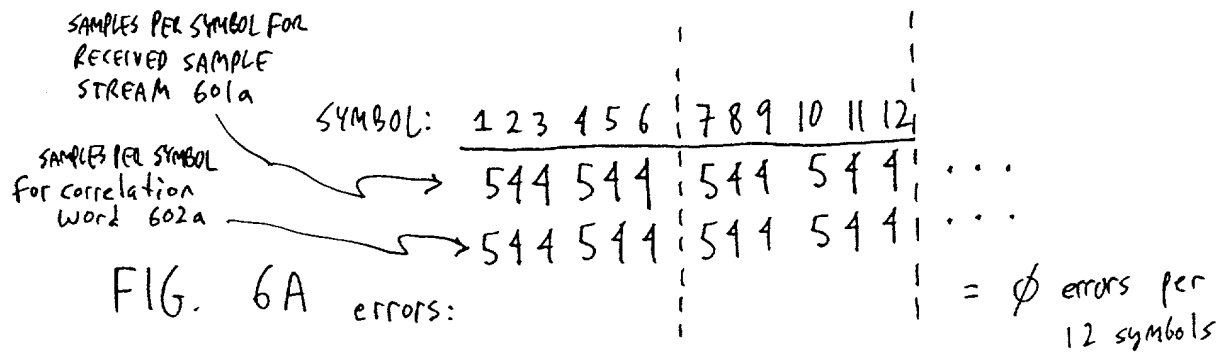


FIG. 5A

FIG. 5B





SAMPLES PER SYMBOL FOR  
RECEIVED SAMPLE STREAM  
701a

FIG. 7A

SYMBOL:	1	2	3	4	5	6	7	8	9	10	11	12	
	5	4	4	5	4	4	5	4	4	5	4	4	...
	5	4	4	4	5	4	4	4	5	4	4	4	...
ERRORS:						X X	X		X X				= 5 errors per 12 symbols

SAMPLES PER SYMBOL FOR  
CORRELATION WORD  
702a

SAMPLES PER SYMBOL FOR  
RECEIVED SAMPLE STREAM  
701b

FIG. 7B

SYMBOL:	1	2	3	4	5	6	7	8	9	10	11	12	
	4	5	4	4	5	4	4	5	4	4	5	4	...
	5	4	4	4	5	4	4	4	5	4	4	4	...
ERRORS:	X	X						X	X		X		= 5 errors per 12 symbols

SAMPLES PER SYMBOL FOR  
CORRELATION WORD  
702b

SAMPLES PER SYMBOL FOR  
RECEIVED SAMPLE STREAM  
701c

FIG. 7C

SYMBOL:	1	2	3	4	5	6	7	8	9	10	11	12	
	4	4	5	4	4	5	4	4	5	4	4	5	...
	5	4	4	4	5	4	4	4	5	4	4	4	...
ERRORS:	X			X		X X						X	= 5 errors per 12 symbols

SAMPLES PER SYMBOL  
FOR CORRELATION WORD  
702c

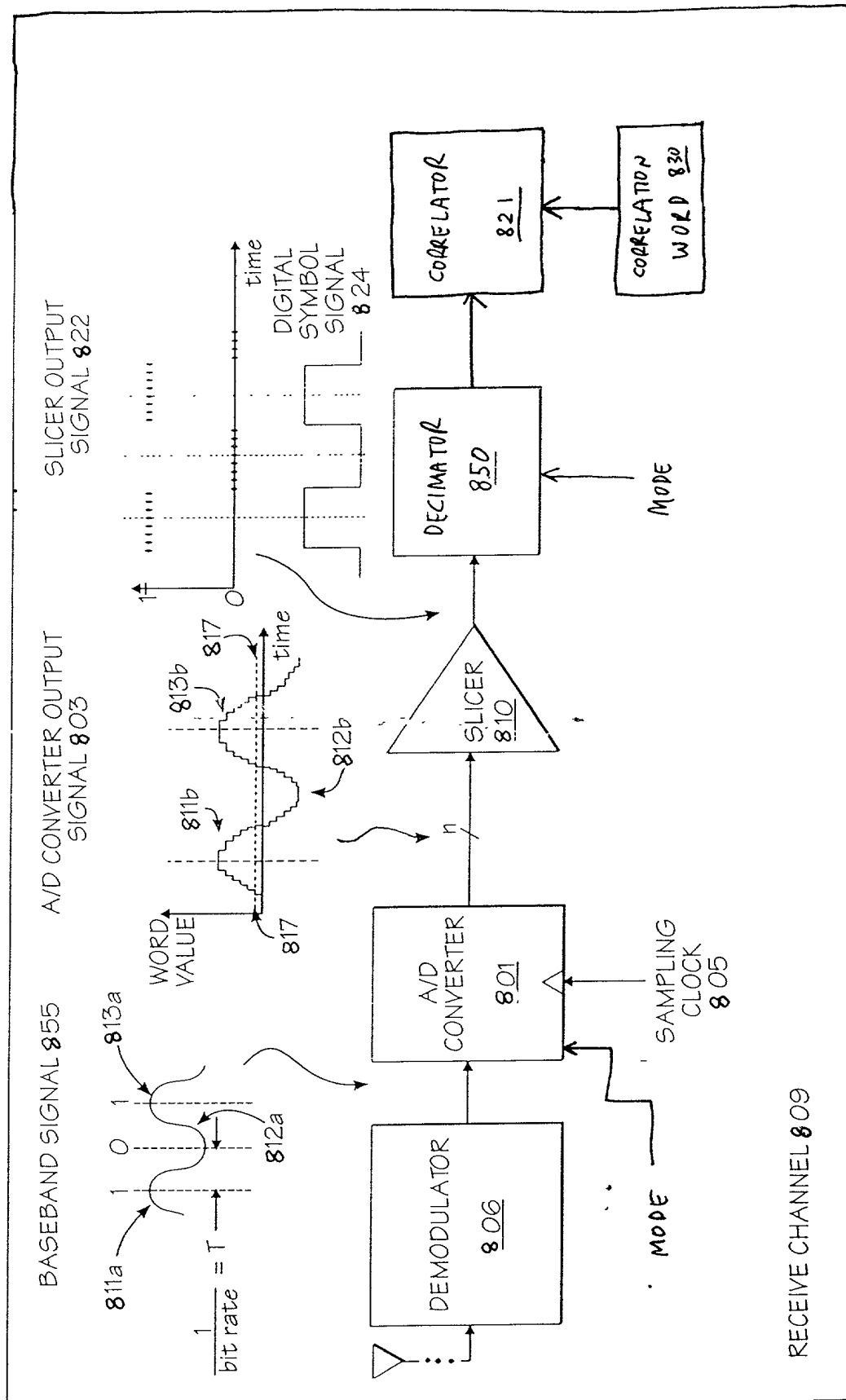


Fig. 8



SAMPLES PER SYMBOL FOR  
RECEIVED SAMPLE STREAM

FIG. 9A

SAMPLES PER SYMBOL  
FOR CORRELATION WORD  
902a

SYMBOL: 1 2 3 4 5 6 7 8 9 | 10 11 12 13 14 15 16 17 18 |

→ 5 4 4 5 4 4 5 4 4 | 5 4 4 5 4 4 5 4 4 | ...

→ 5 4 4 4 5 4 4 4 5 | 5 4 4 4 5 4 4 4 5 | ...

ERRORS:                    X X    X X |                    X X    X    X | = 8 errors per 18 symbols

SAMPLES PER SYMBOL FOR  
RECEIVED SAMPLE STREAM

FIG. 9B

SAMPLES FOR SYMBOL  
FOR CORRELATION WORD  
9026

STREAM: 1 2 3 4 5 6 7 8 9 | 10 11 12 13 14 15 16 17 18 |  
 SYMBOL: 4 5 4 4 5 4 4 5 4 | 4 5 4 4 5 4 4 5 4 | ...  
 → 5 4 4 4 5 4 4 5 | 5 4 4 4 5 4 4 5 | ...  
 ERRORS: X X X X | X X X X | = 8 errors per 18 symbols

SAMPLES PER SYMBOL FOR  
RECEIVED SAMPLE STREAM

FIG. 9C

SAMPLES PER SYMBOL  
FOR CORRELATION WORD  
9020

OL FOR  
STREAM

	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18
SYMBOL:	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18
→	4	4	5	4	4	5	4	4	5	4	4	5	4	4	5	4	4	5
→	5	4	4	4	5	4	4	4	5	5	4	4	4	5	4	4	4	5
ERRORS:	X		X			X	X			X	X			X	X			

= 8 errors per  
18 symbols